Amendments and Listing of the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method of enabling ~~synchronisation~~synchronization of a first and a second signal, ~~the method~~ comprising ~~the steps of~~:

- deriving a first fingerprint ~~(102)~~ on the basis of a segment of the first signal ~~(101)~~, where the segment of the first signal ~~(101)~~ is unambiguously related with a first ~~synchronisation~~synchronization time point (Tn; Tn+1),

- deriving a second fingerprint~~(104)~~ on the basis of a segment of the second signal~~(103)~~, where the segment of the second signal ~~(103)~~ is unambiguously related with a second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm), and

- supplying the first and second fingerprints ~~(102, 104)~~ to a ~~synchronisation~~synchronization device ~~(200, 300)~~ for synchronizing the first and the signal based on~~ ~~the first and second fingerprints.

2. (currently amended) A method according to claim 1, ~~characterized in that the method further comprises~~wherein for each given ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) performing at least one of:[[,]] storing the derived first fingerprint ~~(102)~~ in a database ~~(203)~~ ~~and/or~~and storing the derived second fingerprint ~~(104)~~ in the same or another database~~(203)~~.

3. (currently amended) A method according to claim 1, ~~characterized in that~~wherein the first fingerprint ~~(102)~~ and the second fingerprint ~~(104)~~ are transmitted to the ~~synchronisation~~synchronization device ~~(300)~~ via the Internet or via other means.

4. (currently amended) A method according to claim 1, ~~characterized in that~~wherein at least one the segment of the first signal ~~(101) and/or~~ and the segment of the second signal ~~(103)~~ are unambiguously related with at least one of the first ~~and/or~~ and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) according to:

at least one of the segment of the first signal (101) and/orand- the segment of the second signal (103) ending substantially at least one of the first and/or and second synchronisationsynchronization time point (Tn; Tn+1;Tm),

- at least one of the segment of the first signal (101) and/or and the segment of the second signal (103) starting substantially at least one of the first and/or and second synchronisationsynchronization time point (Tn; Tn+1;Tm),

- at least one of the segment of the first signal (101) and/or and the segment of the second signal (103) starting or ending at a predetermined distance before or after the least one of the first and/or and second synchronisationsynchronization time point (Tn; Tn+1;Tm), or

at least one of the first and/or and second synchronisationsynchronization time point (Tn; Tn+1;Tm) being at a predetermined time point between a start and an end of the segment of at least one of the first signal (101) and/or-and the segment of the second signal-(103).

5. (currently amended) A method according to claim 1, characterized in thatwherein the first (Tn; Tn+1) and second synchronisationsynchronization time point (Tn; Tn+1;Tm) is the same.

6. (currently amended) A method according to claim 1, characterized in thatwherein the first synchronisationsynchronization time point (Tn; Tn+1) is different from the second synchronisationsynchronization time point (Tn; Tn+1;Tm) and in that the method further comprises:

the step of storing a first representation of a relationship between the first synchronisationsynchronization time point (Tn; Tn+1) and a first time point of a reference time (107) and storing a second representation of a relationship between the second synchronisationsynchronization time point (Tn; Tn+1;Tm) and a second time point of said reference time (107).

7. (currently amended) A method according to claim ~~1~~ 6, ~~characterized in that the method~~ further comprises ~~the steps of~~ at least one of:

-    transmitting at least one of the first representation ~~and/or~~ and second representation to a ~~synchronisation~~synchronization device~~(300)~~, ~~and/or~~

-    transmitting at least one of the first ~~and/or~~and second representation to a server~~(600)~~ in communications connection with a ~~synchronisation~~synchronization device~~(300)~~, ~~and/or~~and

-    transmitting the one or more derived first fingerprints~~(102)~~ and second fingerprints ~~(104)~~ to the server~~(600)~~.

8. (currently amended) A method of ~~synchronising~~synchronizing two or more signals, the method comprising ~~the steps of~~:

-    generating a first fingerprint stream ~~(105)~~ on the basis of a first signal~~(101)~~,

-    generating a second fingerprint stream ~~(106)~~ on the basis of a second signal~~(103)~~,

-    comparing a segment of the first fingerprint stream ~~(105)~~ with one or more first fingerprints ~~(102)~~ stored in at least one database ~~(203)~~ in order to determine if a match exists or not,

-    comparing a segment of the second fingerprint stream ~~(106)~~ with one or more second fingerprints ~~(104)~~ stored in the at least database ~~(203)~~ in order to determine if a match exists or not, and

-    if a match exists for both a first and a second fingerprint ~~(102; 104)~~ determining a location of a first ~~synchronisation~~synchronization time point (Tn, Tn+1) for the first signal ~~(101)~~ and a location of a second ~~synchronisation~~synchronization time point (Tn, Tn+1;Tm) for the second signal ~~(103)~~ and ~~synchronising~~synchronizing the first ~~(101)~~ and the second ~~(103)~~ signal using the determined locations.

9. (currently amended) A method according to claim 8, ~~characterized in that the step of synchronising~~wherein synchronizing comprises: delaying either the first ~~(101)~~ or the

second (103) signal by an amount equal to a difference, if any, between the location of the first synchronisationsynchronization time point (Tn, Tn+1) for the first signal (101) and the location of the second synchronisationsynchronization time point (Tn, Tn+1;Tm) for the second signal (103).

10. (currently amended) A method according to claim 8, characterized in thatwherein the location of at least one of the first and/orand the second synchronisationsynchronization time point (Tn, Tn+1;Tm) for the first/and the second signal (101, 103) are given by an unambiguous relation with at least one of a segment of a first signal (101) and/orand a segment of a second signal (103) used during generation of the matching first fingerprint (102) and of the matching second fingerprint (104).

11. (currently amended) A method according to claim 8, characterized in thatwherein the first and second synchronisationsynchronization time point (Tn; Tn+1;Tm) is the same.

12. (currently amended) A method according to claim 8, characterized in thatwherein the first and second synchronisationsynchronization time point (Tn; Tn+1;Tm) is different and in that the method further comprises:

- if a match exists for both a first and a second fingerprint (102; 104)
- obtaining a first representation of a relationship between the first synchronisationsynchronization time point (Tn; Tn+1) and a first time point of a reference time (107),
- obtaining a second representation of a relationship between the second synchronisationsynchronization time point (Tn; Tn+1;Tm) and a second time point of said reference time(107), and
- using the first and second time points of said reference time (107) to synchronisesynchronize the first (101) and the second signal(103),
- instead of

- determining, if a match exists for both a first and a second fingerprint (102; 104), a location of a first ~~synchronisation~~synchronization time point (Tn, Tn+1) for the first signal (101) and a location of a second ~~synchronisation~~synchronization time point (Tn, Tn+1;Tm) for the second signal (103) and ~~synchronising~~synchronizing the first (101) and the second (103) signal using the determined locations.

13. (currently amended) A method according to claim 12, ~~characterized in that~~wherein the method further comprises ~~the steps of~~ at least one of:

- receiving at least one of the first ~~and/or~~and second representation in a ~~synchronisation~~synchronization device (300) from a server (600) in communications connection with the ~~synchronisation~~synchronization device (300), ~~and/or~~and

- receiving the one or more first fingerprints (102) and second fingerprints (104) from the server (600).

14. (currently amended) A method according to claim 1, ~~characterized in that~~ wherein said first signal (101) is an audio signal, said second signal (103) is a video signal, said first fingerprint (102) is an audio fingerprint, and said second fingerprint (104) is a video fingerprint.

15. (currently amended) A device (200) for ~~synchronising~~synchronizing at least two signals, the device comprising:

a fingerprint generator (202) adapted to:

- ~~to~~ derive ~~deriving~~ a first fingerprint (102) on the basis of a segment of a first signal (101), where the segment of the first signal (101) is unambiguously related with a first ~~synchronisation~~synchronization time point (Tn; Tn+1), and

- ~~to~~ derive ~~to derive~~ a second fingerprint (104) on the basis of a segment of a second signal (103), where the segment of the second signal (103) is unambiguously related with a second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm).

16. (currently amended) A device according to claim 15, ~~characterized in that~~wherein the device further comprises at least one database ~~(203)~~ having stored at least one of the derived first fingerprint ~~(102)~~ ~~and/or~~and the derived second fingerprint ~~(104)~~ for each given ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm).

17. (currently amended) A device according to claim 15, ~~characterized in that~~wherein the device further comprises a transmitter ~~(204)~~ for transmitting the one or more derived first fingerprints ~~(102)~~ and second fingerprints ~~(104)~~ in the at least one database ~~(203)~~ to a ~~synchronisation~~synchronization device ~~(300)~~ via the Internet or via other means.

18. (currently amended) A device according to claim 15, ~~characterized in that~~ wherein at least one of the segment of the first signal ~~(101)~~ ~~and/or~~and the segment of the second signal ~~(103)~~ are unambiguously related with at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) according to:
-       at least one of the segment of the first signal ~~(101)~~ ~~and/or~~and the segment of the second signal ~~(103)~~ ending substantially at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm),
-       at least one of the segment of the first signal ~~(101)~~ ~~and/or~~and the segment of the second signal ~~(103)~~ starting substantially at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm),
-       at least one of the segment of the first signal ~~(101)~~ ~~and/or~~and the segment of the second signal ~~(103)~~ starting or ending at a predetermined distance before or after at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm), or
-       at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) being at a predetermined time point between a start and an end of the segment of at least one of the first signal ~~(101)~~ ~~and/or~~and the segment of the second signal ~~(103)~~.

19. (currently amended) A device according to claim 15, ~~characterized in that~~wherein the first ~~synchronisation~~synchronization time point (Tn; Tn+1) and the second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) is the same.

20. (currently amended) A device according to claim 15, wherein~~characterized in that~~ the first ~~synchronisation~~synchronization time point (Tn; Tn+1) is different from the second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) and in that the device comprises the means adapted to store a first representation of a relationship between the first synchronization time point (Tn; Tn+1) and a first time point of a reference time ~~(107)~~ and store a second representation of a relationship between the second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) and a second time point of said reference time ~~(107)~~.

21.(currently amended) A device according to claim 20, wherein~~characterized in that~~ the device further comprises at least one of:
- a transmitter ~~(204)~~ for transmitting at least one of the first ~~and/or~~and second representation to a ~~synchronisation~~synchronization device ~~(300)~~, ~~and/or~~
- a transmitter ~~(204)~~ for transmitting at least one of the first ~~and/or~~and second representation to a server ~~(600)~~ in communications connection with a ~~synchronisation~~synchronization device ~~(300)~~, ~~and/or~~ and
- a transmitter ~~(204)~~ for transmitting the one or more derived first fingerprints ~~(102)~~ and second fingerprints ~~(104)~~ to the server ~~(600)~~.

22. (currently amended) A ~~synchronisation~~synchronization device ~~(300)~~ for ~~synchronising~~synchronizing two or more signals, the device comprising:
- means ~~(302)~~ for generating a first fingerprint stream ~~(105)~~ on the basis of a first signal ~~(101)~~,
- means ~~(302)~~ for generating a second fingerprint stream ~~(106)~~ on the basis of a second signal ~~(103)~~,

- means (302) for comparing a segment of the first fingerprint stream (105) with one or more first fingerprints (102) stored in at least one database (203) in order to determine if a match exists or not,

- means (302) for comparing a segment of the second fingerprint stream (106) with one or more second fingerprints (104) stored in the at least one database (203) in order to determine if a match exists or not, and

- means (302) for, if a match exists for both a first and a second fingerprint (102; 104), determining a location of a first ~~synchronisation~~synchronization time point (Tn; Tn+1) for the first signal (101) and determining a location of a second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) for the second signal (103) and means (303) for ~~synchronising~~synchronizing the first (101) and the second (103) signal using the determined locations.

23. (currently amended) A device according to claim 22, where~~in~~~~characterized in that~~ the means (303) for ~~synchronising~~synchronizing is adapted to: delay either the first (101) or the second (103) signal by an amount equal to a difference, if any, between the location of the ~~synchronisation~~synchronization time point (Tn; Tn+1) for the first signal (101) and the location of the ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) for the second signal (103).

24. (currently amended) A device according to claim 22, where~~in~~~~characterized in that~~ the location of at least one of the first ~~and/or~~and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) for at least one of the first ~~and/or~~and second signal ~~(101, 103)~~ are given by an unambiguous relation with at least one of a segment of a first signal (101) ~~and/or~~and a segment of a second signal (103) used during generation of the matching first fingerprint (102) and of the matching second fingerprint (104).

25. (currently amended) A device according to claim 22, wherein~~characterized in that~~ the first and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) is the same.

26. (currently amended) A device according to claim 22, wherein~~characterized in that~~ the first and second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) is different and in that the device further comprises:

-       if a match exists for both a first and a second fingerprint ~~(102; 104)~~,

-       a receiver ~~(204)~~ for obtaining a first representation of a relationship between the first ~~synchronisation~~synchronization time point (Tn; Tn+1) and a first time point of a reference time ~~(107)~~,

-       a receiver ~~(204)~~ for obtaining a second representation of a relationship between the second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) and a second time point of said reference time ~~(107)~~, and

-       ~~synchronisation~~synchronization means ~~(303)~~ for using the first and second time points of said reference time ~~(107)~~ to ~~synchronise~~synchronize the first ~~(101)~~ and the second signal ~~(103)~~,

-       instead of comprising

-       means ~~(302)~~ for, if a match exists for both a first and a second fingerprint ~~(102; 104)~~, determining a location of a first ~~synchronisation~~synchronization time point (Tn; Tn+1) for the first signal ~~(101)~~ and determining a location of a second ~~synchronisation~~synchronization time point (Tn; Tn+1;Tm) for the second signal ~~(103)~~ and means ~~(303)~~ for ~~synchronising~~synchronizing the first ~~(101)~~ and the second ~~(103)~~ signal using the determined locations.

27. (currently amended) A device according to claim 26, wherein~~characterized in that~~ the device further comprises at least one of:

-       a receiver ~~(204)~~ for receiving at least one of the first ~~and/or~~and second representation in a ~~synchronisation~~synchronization device ~~(300)~~ from a server ~~(600)~~ in

communications connection with the ~~synchronisation~~synchronization device ~~(300)~~,
~~and/or~~ and

\-   a receiver ~~(204)~~ for receiving the one or more first fingerprints ~~(102)~~ and
second fingerprints ~~(104)~~ from the server ~~(600)~~.

28. (currently amended) A device according to claim 15, wherein~~characterized in that~~
said first signal ~~(101)~~ is an audio signal, said second signal ~~(103)~~ is a video signal,
said first fingerprint ~~(102)~~ is an audio fingerprint, and said second fingerprint ~~(104)~~ is a
video fingerprint.

29. (currently amended) A non-transitory computer readable medium having stored
thereon instructions for causing one or more processing units to execute the method
according to claim 1.